



## Complete Summary

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### TITLE

Influenza immunization: percent of applicable patients age 50 to 64 years receiving influenza immunizations between September 1, 2008 and March 31, 2009 in accordance with defined VHA policy.

### SOURCE(S)

Office of Quality Performance. FY 2009, Q2 technical manual for the VHA performance measurement system. Washington (DC): Veterans Health Administration; 2009 Jan 5. various p.

## Measure Domain

### PRIMARY MEASURE DOMAIN

Process

The validity of measures depends on how they are built. By examining the key building blocks of a measure, you can assess its validity for your purpose. For more information, visit the [Measure Validity](#) page.

### SECONDARY MEASURE DOMAIN

Does not apply to this measure

## Brief Abstract

### DESCRIPTION

This measure is used to assess the percent of applicable patients age 50 to 64 years receiving influenza immunizations between September 1, 2008 and March 31, 2009 in accordance with defined Veterans Health Administration (VHA) policy.

### RATIONALE

Influenza vaccination is indicated for people age 50 years and older because it is highly effective in preventing influenza-related pneumonia, hospitalization, and death. Vaccine coverage in the United States is suboptimal. Screening and vaccination of inpatients is recommended, but hospitalization is an underutilized opportunity to provide vaccination to adults.

### PRIMARY CLINICAL COMPONENT

Influenza immunization

#### **DENOMINATOR DESCRIPTION**

Eligible patients from the NEXUS Clinics cohort age 50 to 64 or older sampled

#### **NUMERATOR DESCRIPTION**

Eligible patients receiving influenza immunizations between September 1, 2008 and March 31, 2009 (see the related "Numerator Inclusions/Exclusions" field in the Complete Summary)

### **Evidence Supporting the Measure**

#### **EVIDENCE SUPPORTING THE CRITERION OF QUALITY**

- A clinical practice guideline or other peer-reviewed synthesis of the clinical evidence
- One or more research studies published in a National Library of Medicine (NLM) indexed, peer-reviewed journal

### **Evidence Supporting Need for the Measure**

#### **NEED FOR THE MEASURE**

Overall poor quality for the performance measured

#### **EVIDENCE SUPPORTING NEED FOR THE MEASURE**

Office of Quality Performance. FY 2009, Q2 technical manual for the VHA performance measurement system. Washington (DC): Veterans Health Administration; 2009 Jan 5. various p.

### **State of Use of the Measure**

#### **STATE OF USE**

Current routine use

#### **CURRENT USE**

External oversight/Veterans Health Administration  
Internal quality improvement

### **Application of Measure in its Current Use**

#### **CARE SETTING**

Ambulatory Care  
Physician Group Practices/Clinics

**PROFESSIONALS RESPONSIBLE FOR HEALTH CARE**

Advanced Practice Nurses  
Physician Assistants  
Physicians

**LOWEST LEVEL OF HEALTH CARE DELIVERY ADDRESSED**

Single Health Care Delivery Organizations

**TARGET POPULATION AGE**

Age 50 to 64 years

**TARGET POPULATION GENDER**

Either male or female

**STRATIFICATION BY VULNERABLE POPULATIONS**

Unspecified

**Characteristics of the Primary Clinical Component**

**INCIDENCE/PREVALENCE**

Unspecified

**ASSOCIATION WITH VULNERABLE POPULATIONS**

Unspecified

**BURDEN OF ILLNESS**

Unspecified

**UTILIZATION**

Unspecified

**COSTS**

Unspecified

## Institute of Medicine National Healthcare Quality Report Categories

### IOM CARE NEED

Staying Healthy

### IOM DOMAIN

Effectiveness

## Data Collection for the Measure

### CASE FINDING

Users of care only

### DESCRIPTION OF CASE FINDING

Eligible patients from the NEXUS Clinics cohort\* age 50 to 64 or older sampled

\*Refer to the original measure documentation for patient cohort description.

### DENOMINATOR SAMPLING FRAME

Patients associated with provider

### DENOMINATOR INCLUSIONS/EXCLUSIONS

#### Inclusions

Eligible patients\* from the NEXUS Clinics cohort aged 50 to 64 and older sampled

\**Eligible patients*: Meets NEXUS Clinics cohort selection criteria. Refer to the original measure documentation for patient cohort description.

#### Exclusions

Unspecified

### RELATIONSHIP OF DENOMINATOR TO NUMERATOR

All cases in the denominator are equally eligible to appear in the numerator

### DENOMINATOR (INDEX) EVENT

Encounter

Patient Characteristic

### DENOMINATOR TIME WINDOW

Time window precedes index event

## **NUMERATOR INCLUSIONS/EXCLUSIONS**

### **Inclusions**

Eligible patients receiving influenza immunizations\* from September 1, 2008 to March 31, 2009

*\*Influenza immunization:* If the patient reports influenza immunization was obtained privately, data recorded in progress note, on problem list, or historical event in Computerized Patient Record System (CPRS) as health factor that immunization was received elsewhere is acceptable. Documentation should include month and year if possible, at a minimum 'fall or autumn' and year.

### **Exclusions**

Unspecified

## **MEASURE RESULTS UNDER CONTROL OF HEALTH CARE PROFESSIONALS, ORGANIZATIONS AND/OR POLICYMAKERS**

The measure results are somewhat or substantially under the control of the health care professionals, organizations and/or policymakers to whom the measure applies.

## **NUMERATOR TIME WINDOW**

Fixed time period

## **DATA SOURCE**

Administrative data  
Medical record

## **LEVEL OF DETERMINATION OF QUALITY**

Individual Case

## **PRE-EXISTING INSTRUMENT USED**

Unspecified

## **Computation of the Measure**

## **SCORING**

Rate

## **INTERPRETATION OF SCORE**

Better quality is associated with a higher score

## **ALLOWANCE FOR PATIENT FACTORS**

Unspecified

## **STANDARD OF COMPARISON**

Internal time comparison

## **Evaluation of Measure Properties**

## **EXTENT OF MEASURE TESTING**

Unspecified

## **Identifying Information**

## **ORIGINAL TITLE**

Immunizations: influenza vaccination 50-64.

## **MEASURE COLLECTION**

[Fiscal Year \(FY\) 2009: Veterans Health Administration \(VHA\) Performance Measurement System](#)

## **MEASURE SET NAME**

[Performance Measures](#)

## **MEASURE SUBSET NAME**

[Immunizations](#)

## **DEVELOPER**

Veterans Health Administration

## **FUNDING SOURCE(S)**

Unspecified

## **COMPOSITION OF THE GROUP THAT DEVELOPED THE MEASURE**

Unspecified

## **FINANCIAL DISCLOSURES/OTHER POTENTIAL CONFLICTS OF INTEREST**

Unspecified

## **ADAPTATION**

Measure not adapted from another source.

**RELEASE DATE**

2007 Oct

**REVISION DATE**

2009 Jan

**MEASURE STATUS**

This is the current release of the measure.

This measure updates a previous version: Office of Quality and Performance (10Q). FY 2008, Q1 technical manual for the VHA performance measurement system. Washington (DC): Washington (DC); 2007 Oct 31. 315 p.

**SOURCE(S)**

Office of Quality Performance. FY 2009, Q2 technical manual for the VHA performance measurement system. Washington (DC): Veterans Health Administration; 2009 Jan 5. various p.

**MEASURE AVAILABILITY**

The individual measure, "Immunizations: Influenza Vaccination 50-64," is published in "FY 2009, Q2 Technical Manual for the VHA Performance Measurement System."

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**NQMC STATUS**

This NQMC summary was completed by ECRI Institute on March 27, 2008. The information was not verified by the measure developer. This NQMC summary was updated by ECRI Institute on January 8, 2010. The information was verified by the measure developer on March 22, 2010.

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